7:30 A.M.– 8:15 A.M.   Registration

8:15 A.M.– 8:30 A.M.   Welcome and Introductory Remarks
Lillian S. Lin, Ph.D.
Co-Chair, Symposium Planning Committee

John R. Livengood, M.D.
Deputy Associate Director for Science (Acting)
Centers for Disease Control and Prevention

8:30 A.M.–10:40 A.M.
Invited Session 1
Dunwoody A-C   **Computation-Intensive Methods and Data Exploration**
Chair: W. Karl Sieber, Ph.D.

Predictive Data Mining With Multiple Additive
Regression Trees   *Jerome H. Friedman, Ph.D.*

Visual Data Mining   *Edward J. Wegman, Ph.D.*

Graphical Exploration in Regression   *R. Dennis Cook, Ph.D.*

10:40 A.M.-11:00 A.M.   Break

11:00 A.M.–12:30 P.M.
Contributed Session 1

Dunwoody A   **Missing Data**
Chair: John M. Karon, Ph.D.

A Bayesian Analysis of the NHANES III BMI   *Jai Won Choi, Ph.D. and*
Data with Nonignorability   *Myron J. Katzoff, Ph.D.*

Correlation Coefficient Estimation When Both
Variables are Left Censored: Application to HIV
Viral Load Assay Data   *Jovonne Williams, M.S.*

Inference with Conditional Mean Imputation
and with Applications to the Analysis of the
National Survey of Lead and Allergens in Housing   *Ming Yin, Ph.D.*

An Alternative Method for Forming Nonresponse
Adjustment Cells, Applied to Children Without
Vaccination Histories from Providers in the
National Immunization Survey   *Philip J. Smith, Ph.D.*

Dunwoody B   **Bayesian and Hierarchical Methods**
Chair: J. Charles (Chuck) Kerkering, M.A.

Hierarchical Modeling for Serial Dilution Assays   *Andrew Gelman, Ph.D.*
                                                    and Ginger Chew, Sc.D.

	A Hierarchical Model for Antimicrobial Assay Analysis	*Alex R. Varbanov, Ph.D.*

Small Area Estimation Of Diabetes Prevalence — *Haitao Chu, M.S.*

Comparison of Hierarchical and Conventional Models of the Relation of Individual Life Events to Preterm Delivery — *Nedra Whitehead, Ph.D.*

Dunwoody C   **General Estimation**
Chair: Christopher H. Johnson, M.S.

Cancer Incidence and Radio Frequency Radiation Emitting from TV Towers: Investigating an Excess Risk Using Isotonic Regression Models — *Max Bulsara, M.Sc.*

Probabilistic Model to Estimate Male-to-female Sexual Transmission of HIV-1 — *Hrishikesh Chakraborty, Dr.P.H.*

An Investigation of Error Sources and Their Impact in Estimating the Time to the Most Recent Ancestor of Spatially and Temporally Distributed HIV Sequences — *Tom L. Burr, Ph.D.*

Treatment Patterns and Health Outcomes: Analyzing Differences in Medical Practices — *Jeffrey J. Geppert, M.A.*

**12:30 P.M.–2:00 P.M.
Poster Session 1**

Pre-Function Area   Partners for a Healthy Baby Data Tracking System — *Kwang-lee Chu, M.Ed.*

Perinatal Case Management and Birth Weight in Georgia, 1994-1996 — *Mohamed G Qayad, M.D., MSCM*

A Method for Predicting Inpatient Cost in Hospital — *Jianli Li, Ph.D.*

Estimation of Vaccine Efficacy from Household Data — *Xiaohong Mao Davis, M.S., M.A.*

Latent Growth Curve Modeling of Unbalanced Data Collected During a Refugee Crisis — *Samuel F. Posner, Ph.D.*

Evaluation of a Volunteer Sampling Method in a Controlled Intervention Trial in Seventeen Alaskan Villages — *Dana A. Bruden, M.S.*

Laboratory Quality Control for Studies with Measurements from Multiple Instruments — *Samuel P. Caudill, Ph.D.*

Cognitive Testing of the Medicare Quality Monitoring System Survey (MQMSS) — *Lisa Lee, Ph.D.*

Assessing the Quality of Linkages in Maternally-linked Birth Records Data Sets	*Jack K. Leiss, Ph.D.*
A Six Equation Model and Cost-Containment in Medicaid Hospital Programs	*Etienne Pracht, Ph.D.*
Metric and Categorical Indicator Latent Class Models with Missing Data	*Brian P. Flaherty, M.S.*
Confidence Intervals for an Age Adjusted Rate	*Moshe Braner, Ph.D.*

2:00 P.M.–3:30 P.M.
Contributed Session 2

Dunwoody A

Statistical Computation
Chair: Andrew R. Autry, Ph.D.

Comparison of Hybrid Tree Predictor/ Logistic Regression When Both Dependent and Independent Variables Are Dichotomous	*Lawrence E. Barker, Ph.D.*
Characterizing the Functional Form of a Neural Network Model	*Douglas Landsittel, Ph.D.*
Comparing Two Goodness-of-Split Measures for Classification Trees: A Simulation Based Study	*Anuradha Roy, Ph.D.*
Sequential, Spatial Stochastic Curtailment	*Tim E. Aldrich, Ph.D.*

Dunwoody B

Longitudinal Studies
Chair: Gilbert S. Haugh, M.S.

Evaluating Effective Degrees of Freedom in Longitudinal Data Sets	*Michael Brimacombe, Ph.D.*
Creating and Disseminating Bootstrap Weights: The Canadian NPHS Experience	*Denise Hall*
Follow-up Designs and Planned Missing Data in Repeated Measures of Longitudinal Epidemiologic Studies	*Alka Indurkhya, Ph.D.*
Illness-death Stochastic Model in the Analysis of Longitudinal Dementia Data	*Jaroslaw Harezlak, M.Sc.*

2:00 P.M.–3:30 P.M.
Contributed Session 2 Continued

Dunwoody C   **Data Collection and Management**
                            Chair: Judith M. Conn, M.S.

                            Toward an Operational Definition of
                            "Personally Identifiable Information"   *Steven M. Banks, Ph.D.*

                            A Web-based Database System Design for
                            Impact Evaluability Assessment of HIV Prevention
                            Efforts and Policies at the Municipal, State
                            and National Levels   *Xiaohong Mao Davis, M.S., M.A.*

                            Cancer in the Disabled Medicaid Population
                            in Oregon: Data Collection and Management   *Jodi Lapidus, Ph.D.*

                            Use of Replication Methods in the National
                            Immunization Survey to Account for Nonsampling
                            Weight Adjustments   *Philip J. Smith, Ph.D.*

3:30 P.M.-4:00 P.M.   Break

4:00 P.M.–5:30 P.M.
Invited Session 2

                            Design and Analysis of Complex Surveys
                            Chair: John M. Williamson, Sc.D.

                            Sampling Minority Groups in Health Surveys   *William D. Kalsbeek, Ph.D.*

                            Disease Classification: Measuring the Effects
                            of Periodic Revisions of the International
                            Classification of Diseases on Mortality Trends *Harry M. Rosenberg, Ph.D.*